BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

USCOLO List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

City of Lissburg Public Water Supply Name

Pleas	e Answer the Following Questions Regarding the Consumer Confidence Report
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper On water bills Other TV23, Capy City Holl.
	Date customers were informed: 6/4/2012
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
	Date Mailed/Distributed: / /
	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper:
	Date Published://
	CCR was posted in public places. (Attach list of locations)
	Date Posted: / /
	CCR was posted on a publicly accessible internet site at the address: www
<u>CER</u>	TIFICATION
consis	by certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in form and manner identified above. I further certify that the information included in this CCR is true and correct and is stent with the water quality monitoring data provided to the public water system officials by the Mississippi State rement of Health, Bureau of Public Water Supply.
Nam	e/Title (President, Mayor, Owner, etc.) June 04, 2012 Date
	Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518





2012 Drinking Water Quality Report

Is my water safe?

We are pleased to report that your water has passed all testing required by the EPA and MDH.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Southeast Noxapater Water Association uses two deep wells to pump water from the Lower Wilcox Aquifer.

Source water assessment and its availability

The SWA is available for viewing by appointment.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

How can I get involved?

Our Board meets the second Thursday of each month. If you have questions or concerns and wish to be included on the agenda, Please call Gene Persons at 662-803-6622.

Monitoring and reporting of compliance data violations

****A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING****

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, you water system has not completed the monitoring requirements. The Bureau of Public Water Supply has taken action to ensure that you water system be returned to compliance by March 31, 2013. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Southeast Noxapater Water Assoc. is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

	MCLG	MCL,						
	or	TT, or	Your	Ra	nge	Sample		
Contaminants	<u>MRDLG</u>	<u>MRDL</u>	Water	Low	High	<u>Date</u>	Violation	Typical Source
Disinfectants & Disinfectant By-Products								

(There is convincing of	evidence th	at addit	tion of a dis	sinfect	ant is	s ne	cessary	for c	ontrol o	f m	icrobial contaminants)
Chlorine (as Cl2) (ppm)	4	4	2	1.3	2.3	3	2011		N∩	Water additive used to cont microbes	
Inorganic Contamin	ants										
Barium (ppm)	2	2	0.04546	NA			2010		No	Dis refi	charge of drilling wastes; charge from metal neries; Erosion of natural posits
			Your	Sam	ple	#	Sample	es	Exceed	ls	
<u>Contaminants</u>	<u>MCLG</u>	<u>AL</u>	<u>Water</u>	<u>Da</u>	<u>te</u>	Exc	ceeding	<u>AL</u>	<u>AL</u>		Typical Source
Inorganic Contamin	ants										
Lead - action level at consumer taps (ppb)	0	15	2	201	11		0		No	ı	Corrosion of household plumbing systems; Erosion of natural deposits

Descriptions								
Term	Definition							
ppm	ppm: parts per million, or milligrams per liter (mg/L)							
ppb	ppb: parts per billion, or micrograms per liter (μg/L)							
NA	NA: not applicable							
ND	ND: Not detected							
NR	NR: Monitoring not required, but recommended.							

m	ns Definition
Term	
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
	MCL: Maximum Contaminant Level: The highest level of a contaminant
MCL	that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

For more information please contact:

Contact Name: Sybil Coward Address:

P.O.Box 301 Noxapater, MS 39346 662-724-2685

Phone:

2011 Annual Drinking Water Quality Report City of Vicksburg PWS#:750010 May 2012

2012 JUN 13 AM 9: 13

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to providing you with information because informed customers are our best allies. Our water source is from wells drawing from the MS River Alluvial Aquifer,

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the City of Vicksburg have received moderate to higher rankings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact James P. McGuffie at 601.636.2037. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the first and third Mondays of the month.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2011. In cases where monitoring wasn't required in 2011, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) — The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		TEST RES	SULT	S			
Contaminant	Violation Y/N	Date Collected	Level Detec ted	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	·		MCL	Likely Source of Contamination
Microbiolo	ogical Co	ontamina	ants						
Total Coliform Bacteria	N	April	Positive	1	N	IA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
Inorganic	Contam	inants							
8. Arsenic	N	2010*	.881	No Range	ppb	n/a	50	Erosion of natural dep orchards; runoff from electronics production	glass and

10. Barium	N	2010*	.016	No Range	ppm	2		2 Disch from depos	narge of drilling wastes; discharge metal refineries; erosion of natural sits		
13. Chromium	N	2010*	2.5	No Range	ppb	100	1	100 Disch erosio	arge from steel and pulp mills; on of natural deposits		
16. Fluoride**	N	2010*	.576	No Range	ppm	4		additi	on of natural deposits; water ve which promotes strong teeth; arge from fertilizer and aluminum ies		
17. Lead	N	2010*	1	0	ppb	0			Corrosion of household plumbing systems, erosion of natural deposits		
Disinfectio							·				
81. HAA5	N	2011	26	No Range	ppb		0	60	By-Product of drinking water disinfection.		
82. TTHM [Total trihalomethanes]	N	.2011	21.2	No Range	ppb		0	80	By-product of drinking water chlorination.		
Chlorine	N	2011	2	2 - 2.02	ppm		0	MDRL = 4	Water additive used to control microbes		

^{*} Most recent sample. No sample required for 2011.

(1) Total Coliforms. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During April 2011, we tested positive for 1 total coliform bacteriological sample. The standard is that no more than 1 sample per month of our samples may do so. No bacteria were reported in the subsequent testing and further testing showed that the problem was resolved.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our water system is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 8. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 50%.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

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In accordance with the Radionuclides Rule, all community public water suppliers were required to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological health laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has not completed the monitoring requirements. The Bureau of Public Water Supply has taken action to ensure that your water system be returned to compliance by March 31, 2013. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The City of Vicksburg works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

^{**} Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.7 - 1.3 mg/l. Microbiological Contaminants:

PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI **COUNTY WINSTON**

Before the undersigned authority of said county and state personally
appeared Chasatie Fisher, County of Winston, State of Mississippi, Winston
County Journal, duly sworn, both depose and say that the publication of the
notice hereto affixed has been made in said newspaper for/
consecutive week(s), to-wit:

Vol_//9	_,No <i>_</i>	<u>23</u> , on the <u></u>	day of	<u>ب</u> , 2012
Vol	_,No	,on the	day of(, 2012
Vol	_,No	,on the	day of	, 2012
Vol	,No	,on the	day of	, 2012
Vol	_,No	,on the	day of	, 2012
Vol	_,No	,on the	day of	, 2012
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By: Susaw D. Adcock

Printer's fee \$3.00

Southeast Noxapater Water Association 2012 Drinking Water Quality Report

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Contaminants	MCLG or <u>MRDLG</u>	MCL, TT, or <u>MRDL</u>	Your <u>Water</u>	Ran Low 1		Sample <u>Date</u>	<u>Violi</u>	<u>ition</u>	Typical Source
Disinfectants & Disi	ifectant B	y-Produ	cts						
(There is convincing	evidence th	at additi	on of a dis	sinfectar	ıt is r	ecessary	for cor	itrol o	f microbial contaminants)
Chlorine (as Cl2) (ppm)	4	4	2	1.3	2.3	2011	N	0	Water additive used to contro microbes
Inorganic Contamin	ants								
Barium (ppm)	2	2	0.04546	NA		2010	N	o	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Contaminants	MCLG	AL	Your <u>Water</u>	Sampl <u>Date</u>	(0.00	# Sample		AL	ds Typical Source
Inorganic Contamin	ants ,								
Lead - action level at consumer taps (ppb)	0	15	2	2011		0		No	Corrosion of household plumbing systems; Erosio of natural deposits

Unit Descriptions	
Term	Definition
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (μg/L)
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MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

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Phone: 662

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